Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 00:00 on Friday 24 Feb 2023 until 23:59 on Saturday 25 Feb 2023

Forecast Issued on Thursday 23 Feb 2023 at 16:29

Confidence: Medium for clearance of rain and cloud Friday morning then high for plenty of dry, settled weather around through the remainder of the forecast period as a high becomes centred over Scotland. Details lower regarding the often large, but mainly above summit level, cloud.

Headline for Friday 24 Feb 2023: Early rain then mainly dry with sunny spells. Cold northerly winds.

Mountain weather hazards on Friday 24 Feb 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** Low Likelihood	**Poor visibility** Low Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Cloudy	Light rain	Light rain	Cloudy	Sunny intervals	Sunny intervals	Partly cloudy (night)	Partly cloudy (night)
Precipitation probability							
40%	60%	60%	20%	10%	20%	20%	10%

Forecast for Friday 24 Feb 2023

Weather: Cloudy overnight with outbreaks of mainly light rain. Rain clearing soon after dawn with cloud then breaking to leave a mainly dry day with sunny spells, just the odd wintry shower possible especially across eastern hills. Mainly dry through the evening with some long clear spells.

Chance of cloud-free hill tops above 600m: Little chance at first soon improving to 75% then close to 100% in the afternoon.

Low Cloud and visibility: Periods or persistent above about 450-600m soon becoming more occasional above 600m then largely lifting above the summits by midday. Away from cloud, visibility several kilometres in early rain soon becoming very good or excellent, falling only briefly in any showers.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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Forecast for Friday 24 Feb 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	18/25 W	18/25 W	18/26 NW	16/24 N	18/26 N	18/26 N	16/24 N	17/25 N	17/25 N
300	10/22 W	11/24 W	10/23 NW	11/23 N	12/24 N	12/24 N	10/22 N	9/21 N	8/20 N
Valley	4/14 W	6/18 W	7/19 NW	8/20 NW	10/23 N	10/22 N	6/16 N	5/16 N	5/14 N

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	3/-3	3/-2	4/-2	3/-2	3/-2	2/-4	0/-5	-0/-6	-1/-7
300	4/0	5/2	6/2	6/3	6/3	6/2	4/-0	2/-1	1/-2
Valley	5/3	6/4	7/5	7/5	8/6	8/5	5/3	3/1	3/0
Freezing Level*	1200m	1300m	1300m	1000m	800m	700m	600m	500m	400m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Increasing chill effect through the evening.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
15:00 on Thu 23 Feb 2023	1.6mm	2.4mm	6.8mm

Forecast for Saturday 25 Feb 2023

Weather: Mainly dry with clear then sunny spells, the best of these across more western hills. Risk of a few light snow showers in the east.

Maximum wind: Northerly or northeasterly 15-20mph

Chance of cloud-free hill tops above 600m: Close to 100% in west, but nearer 75% in east.

Low Cloud and visibility: Occasional cloud above about 600-750m in the east, but generally little or no cloud below the summits. Away from cloud visibility very good or excellent, falling only briefly in any showers in east.

Temperature: **Valleys:** Around plus 1 or 2 Celsius at dawn rising to plus 6 or 7 Celsius by early afternoon
At 600m: Around minus 1 Celsius
Freezing level: Around 400m

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